

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025803**Date Inspected:** 18-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. An Qing Xian**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segment Assembly**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Ramesh Gade, was present during the times noted above for observations relative to the work being performed.

Blast Shop 2 / Cross Beam CB18

This QA Inspector performed external after blast VT on cross beam CB18 in Blast Shop 2.

Bay 14 / OBG 14E

This QA Inspector observed the following work in progress:

ZPMC personnel performing SMAW welding of Base Metal Repair on various locations as per B-CWR # 2944.

The welder is identified as 216086. ZPMC Quality Control (QC) is identified as Zhu Yuan Yuan.

Bay 14 / OBG 14W

This QA inspector performed verification Magnetic Particle Testing (MT) approximately 15% of the area that has been previously tested and accepted by ABF Quality Assurance (QA) personnel. This QA Inspector generated MT report for this date. The member is identified as OBG 14W welds as per notification # 9517.

The weld designations reviewed are as follows:

SEG3020AY-153, 158, 163, 168, 173, 178, 208, 213, 223, 228, 233, 238, 243, 248, 253

WELDING INSPECTION REPORT

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Summary of Conversations:

No relevant conversations reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (+86)15000 42 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Gade,Ramesh	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
